



Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Saturday, September 3



Day 1 (Saturday): Significant heat will continue spreading from much of southern California into portions of the Central Valley, with record hot temperatures possible and high to very high heat impacts. Critical fire weather conditions are also expected for the afternoon hours across the Modoc Plateau.



Weather Risk Outlook

Regional Operations Center
Western Region
Saturday, September 3

	Sat, Sep 3	Sun, Sep 4	Mon, Sep 5	Tue, Sep 6	Wed, Sep 7	Thu, Sep 8	Fri, Sep 9
Fire Weather Low RH / Wind / Dry T-Storms	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Thunderstorms Wind / Hail / Tornadoes	Southern	Southern	Southern				
Heat	All Regions	All Regions	All Regions	Inland/ Southern	Inland	Inland	Inland/ Southern
Cold							
River Flooding							
Wind							
Heavy Rain Flash Flooding / Debris Flow							
Snow							
Coastal Flooding							
Risk Levels	Little to None	Minor		Moderate		Major	Extreme



Weather Key Points

Regional Operations Center

Western Region

Saturday, September 3

- A dangerous heat wave will continue across much of the state through the Labor Day weekend, persisting through the middle of the week across the Central Valley
 - Widespread temperatures of 95-115°F are forecast for inland areas each day, with temperatures reaching the 80s and 90s for central and southern coastal areas. Temperatures in the 90s to around 100°F are expected to extend into northeastern California. These temperatures will be near record territory for many areas, especially Sunday through Tuesday when the hottest readings are expected.
 - Warm overnight low temperatures in the 70s and 80s, and even in the 90s for some southern California foothills, will lead to poor recovery and further compound heat risk impacts
 - Cooler temperatures will return to far northern California on Wednesday, and to the remainder of the state on Thursday, though areas of moderate to locally high heat risk impacts are may linger across the Central Valley and southern deserts
- Fire weather conditions will remain highly elevated for many areas due to the combination of hot and dry weather, despite any widespread strong winds
 - Any new fires could develop and spread quickly given the record-setting nature of the heat and the ongoing drought
 - A period of more widespread gusty winds is likely to bring critical fire weather conditions across the Modoc Plateau Saturday and possibly Sunday
 - Isolated thunderstorms are also possible over the southern mountains and deserts and the southern and central Sierra through Monday. No widespread precipitation is expected but some lightning strikes could occur. A storm or two on Saturday could also produce localized heavy rainfall across southern California.



Precipitation Forecast

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Western Region

Saturday, September 3



Saturday



Sunday



Monday

Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)





Sat-Sun Heat Risk

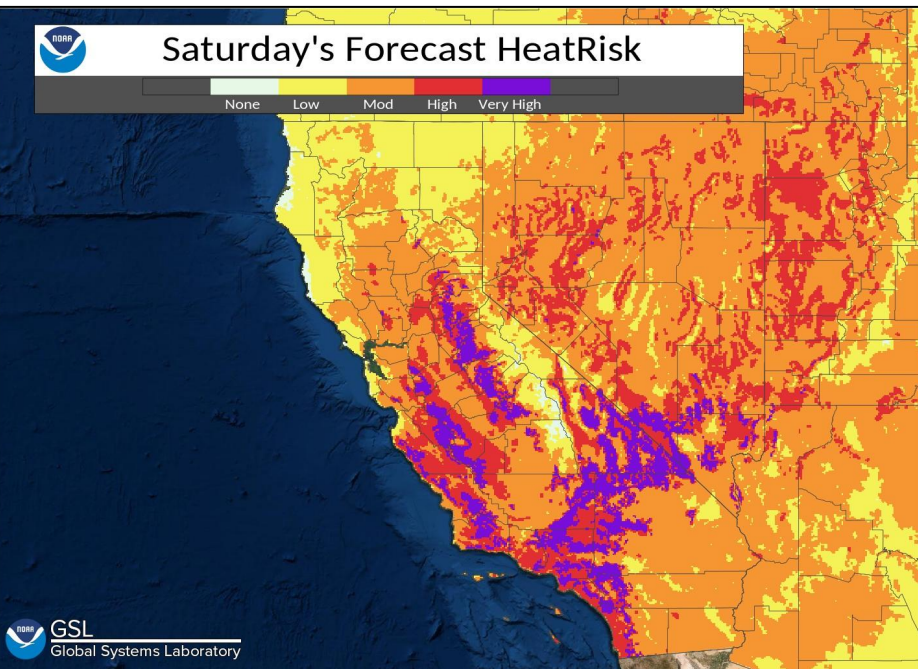
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Saturday, September 3

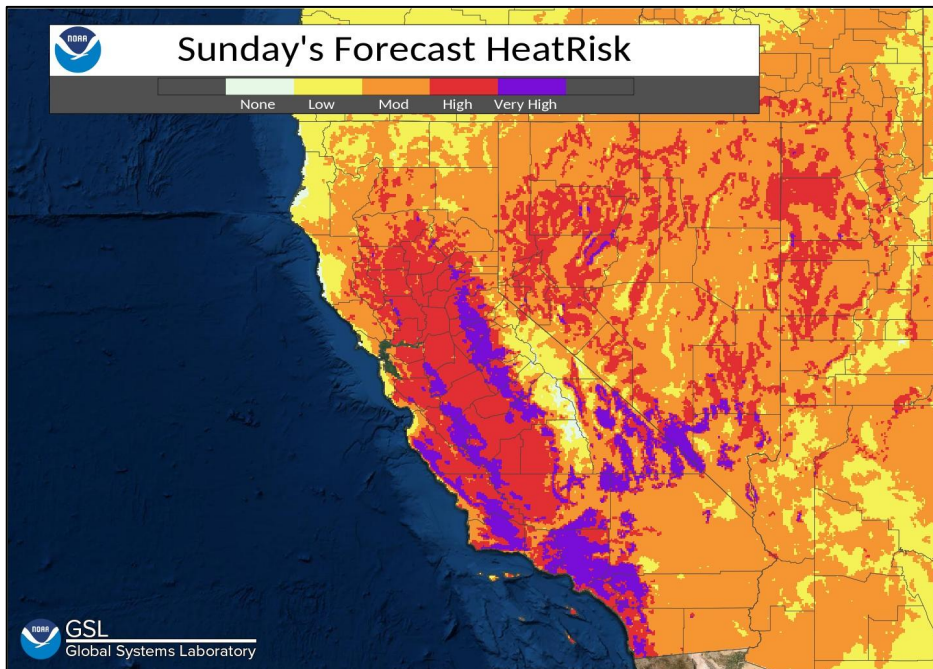
Saturday's Forecast HeatRisk

None Low Mod High Very High



Sunday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight



Mon-Tue Heat Risk

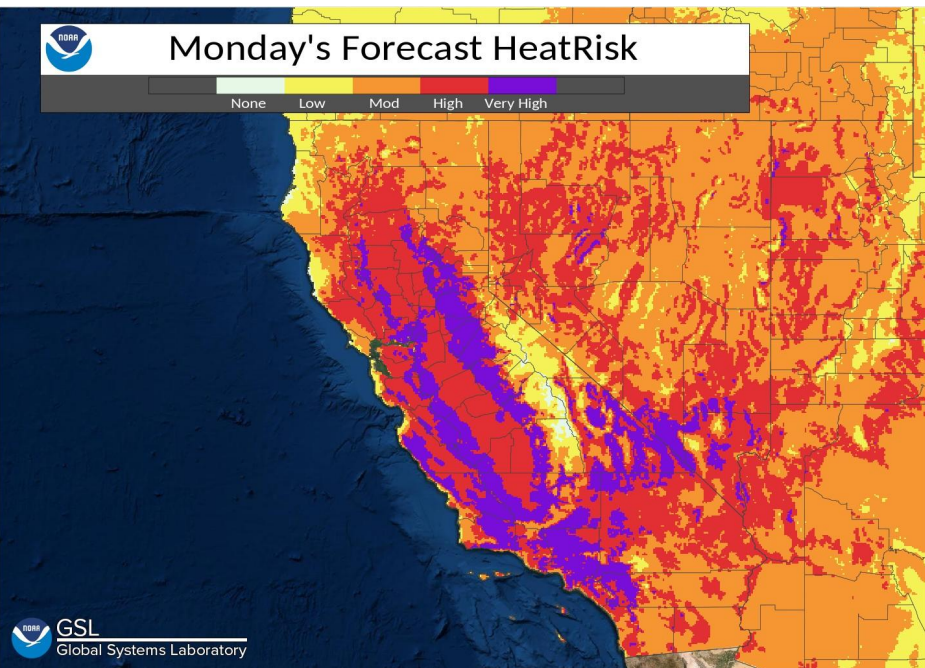
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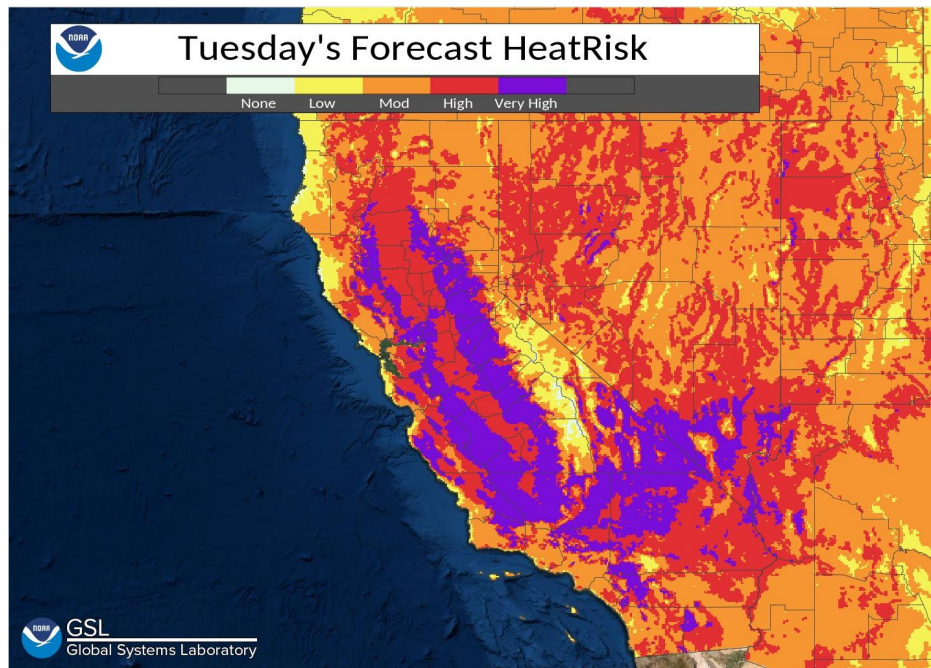
Monday's Forecast HeatRisk

None Low Mod High Very High



Tuesday's Forecast HeatRisk

None Low Mod High Very High



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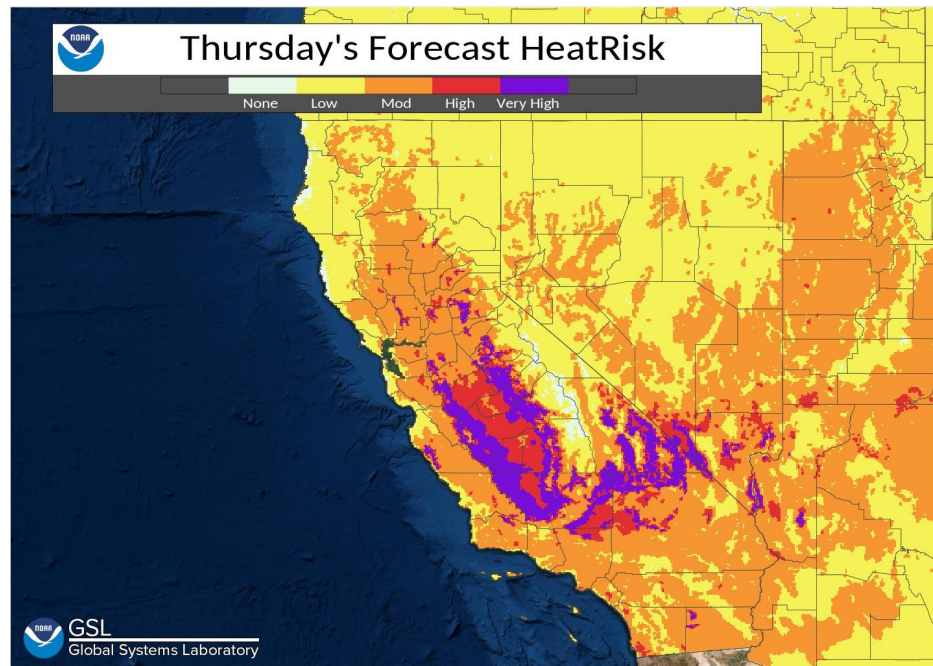
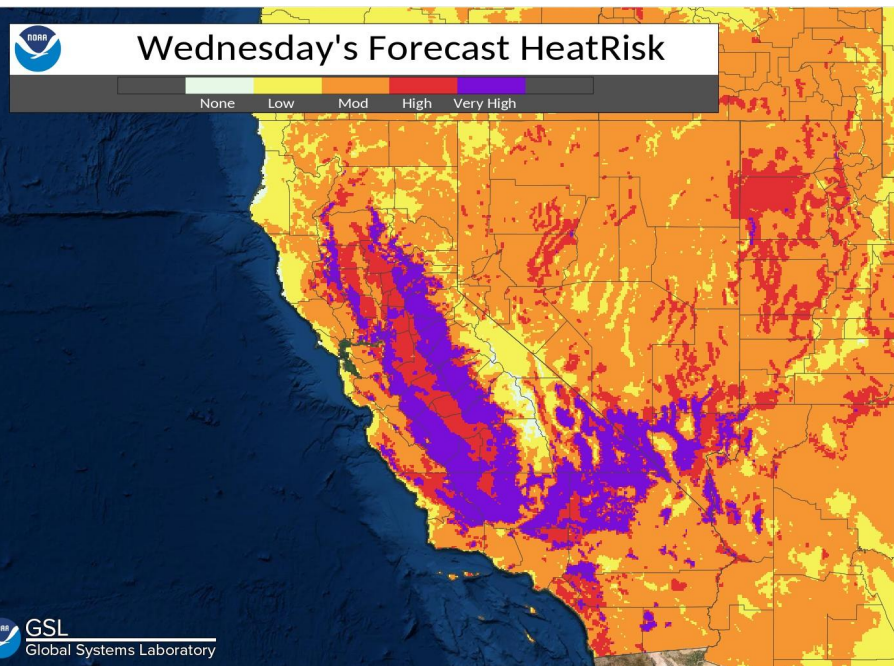
Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
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Wed-Thu Heat Risk

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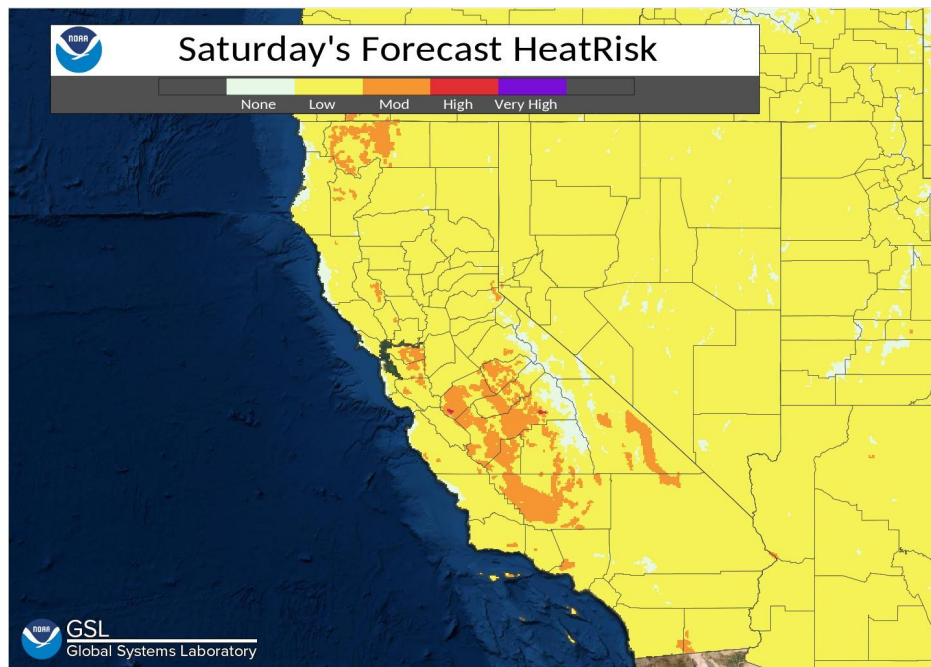
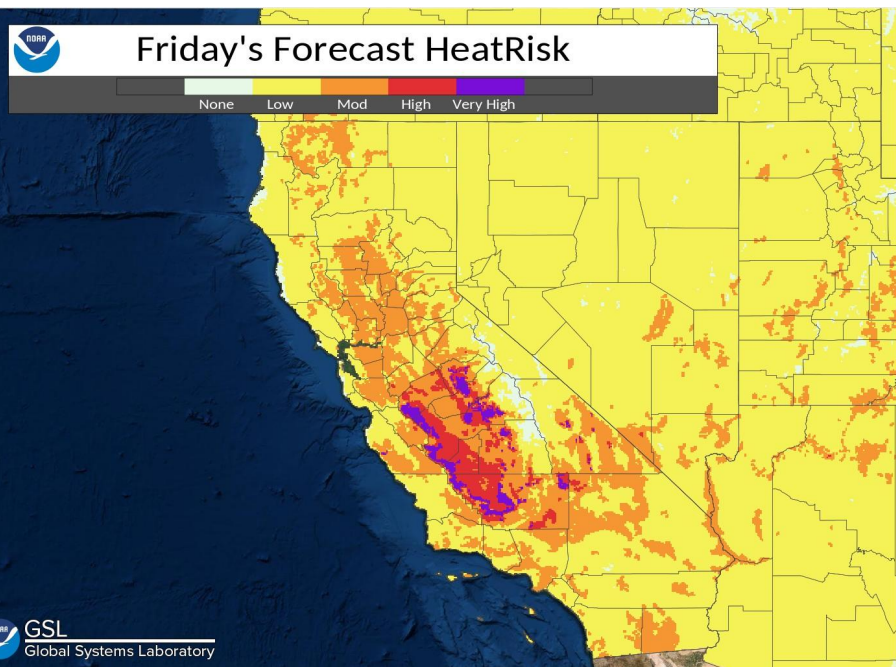
Western Region

Saturday, September 3



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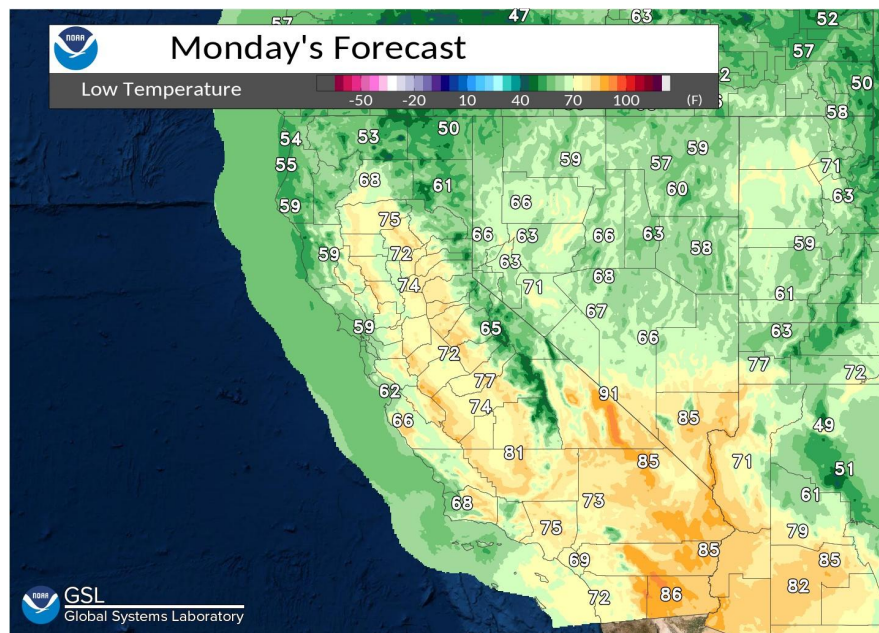
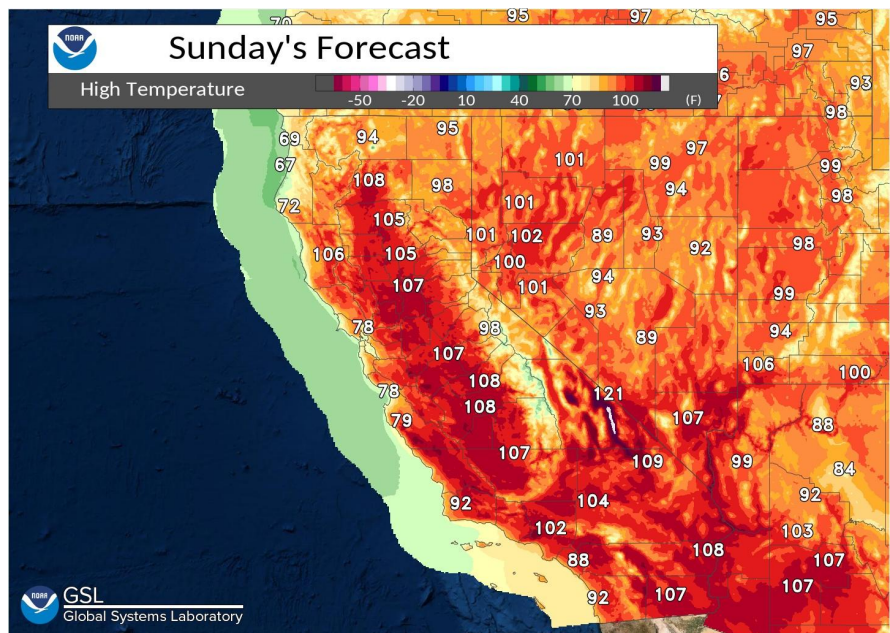
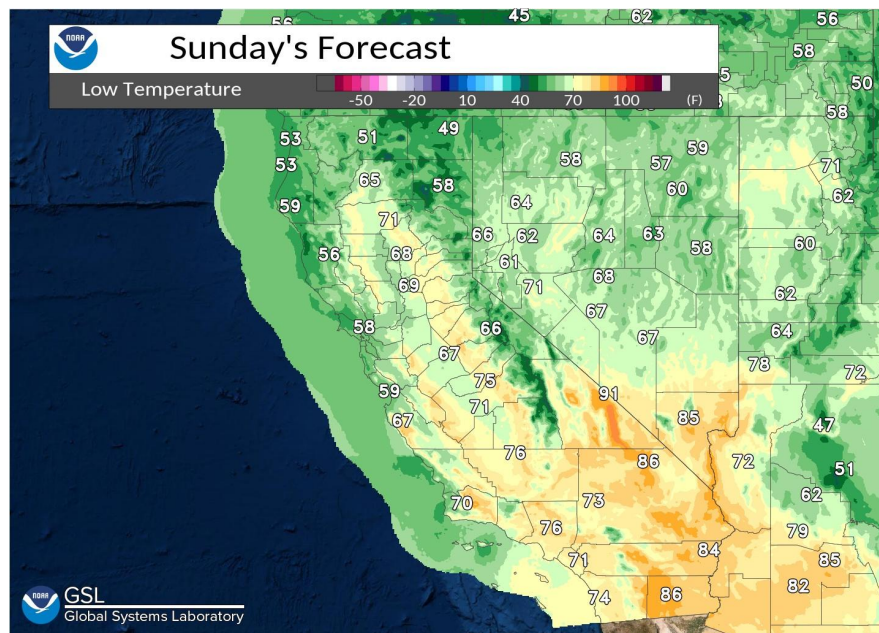
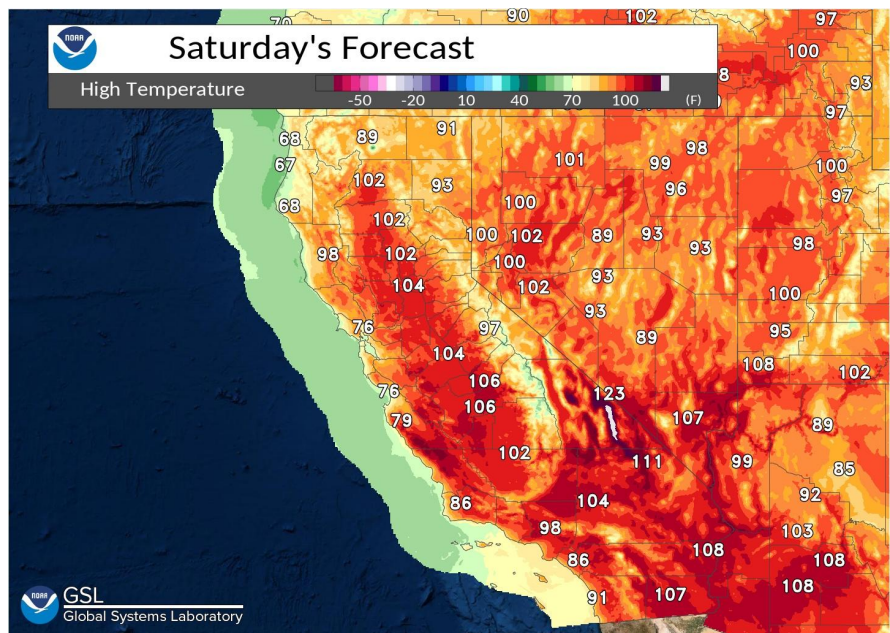
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Sat-Sun Temperatures

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Western Region
Saturday, September 3

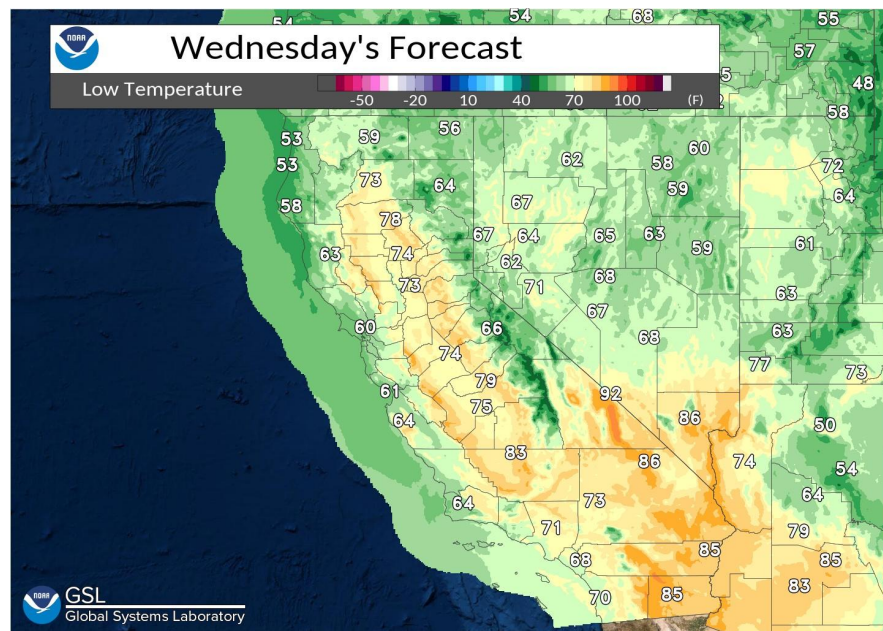
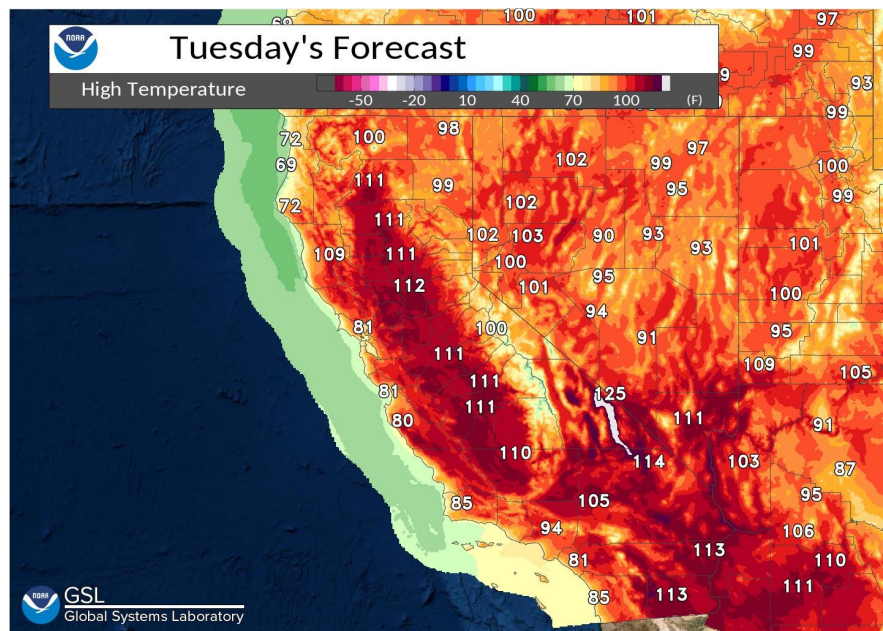
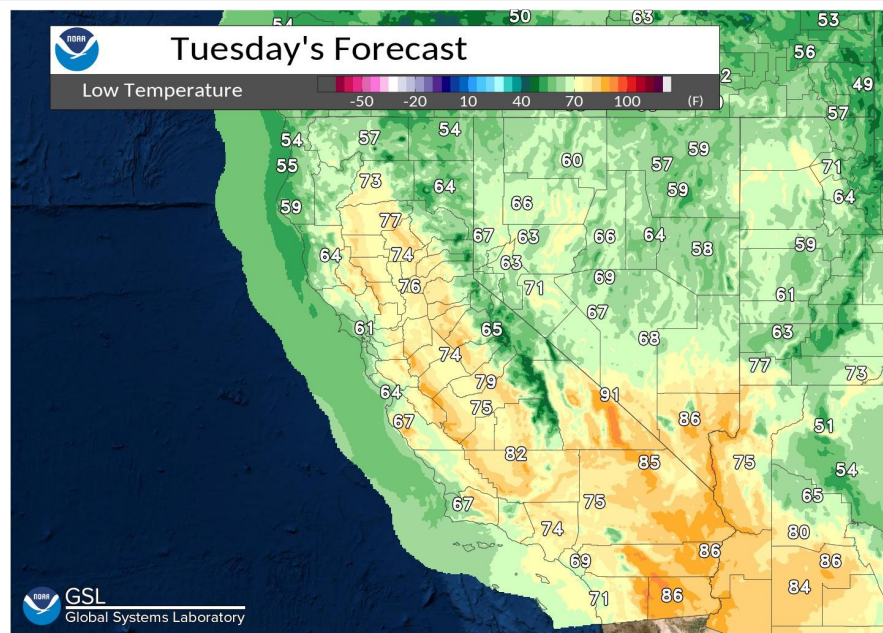
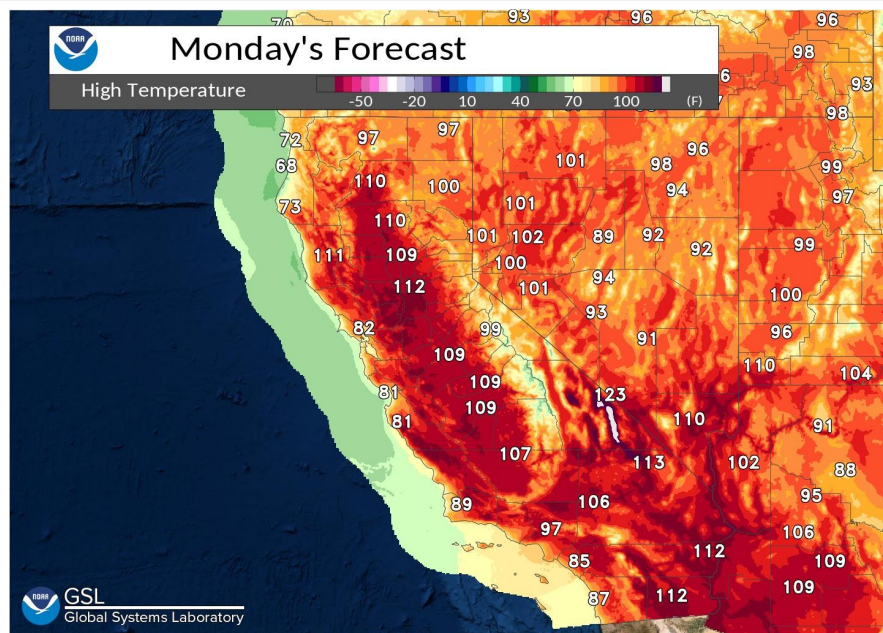


Mon-Tue Temperatures

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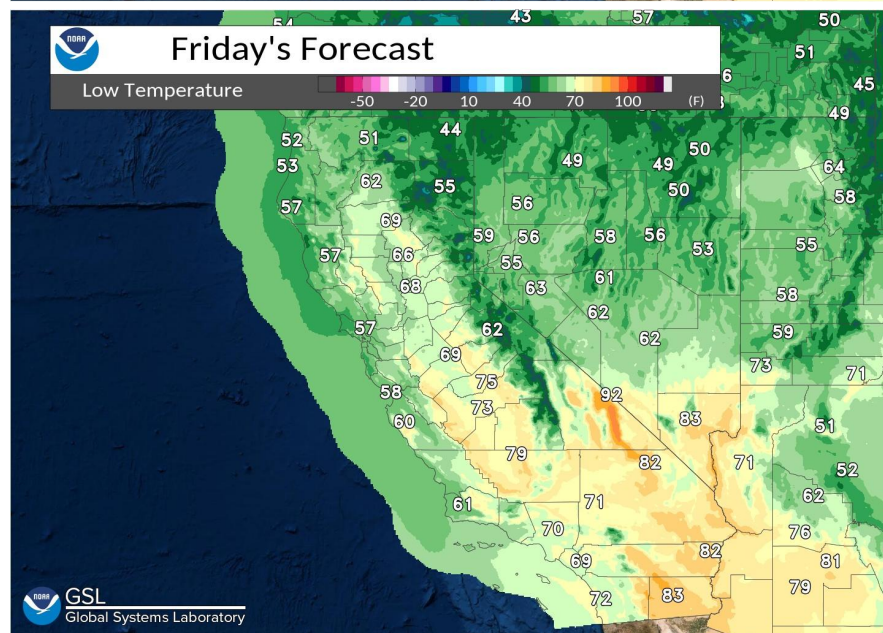
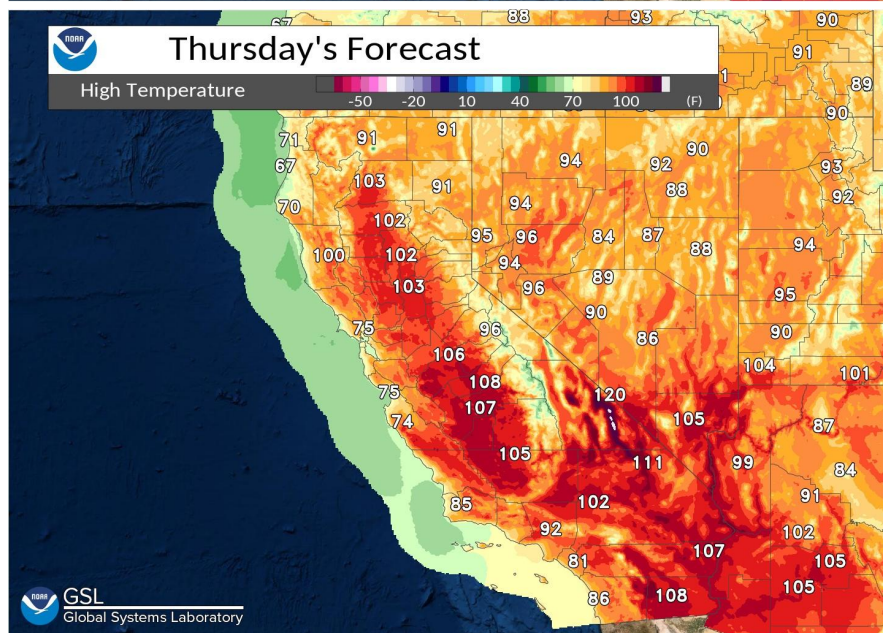
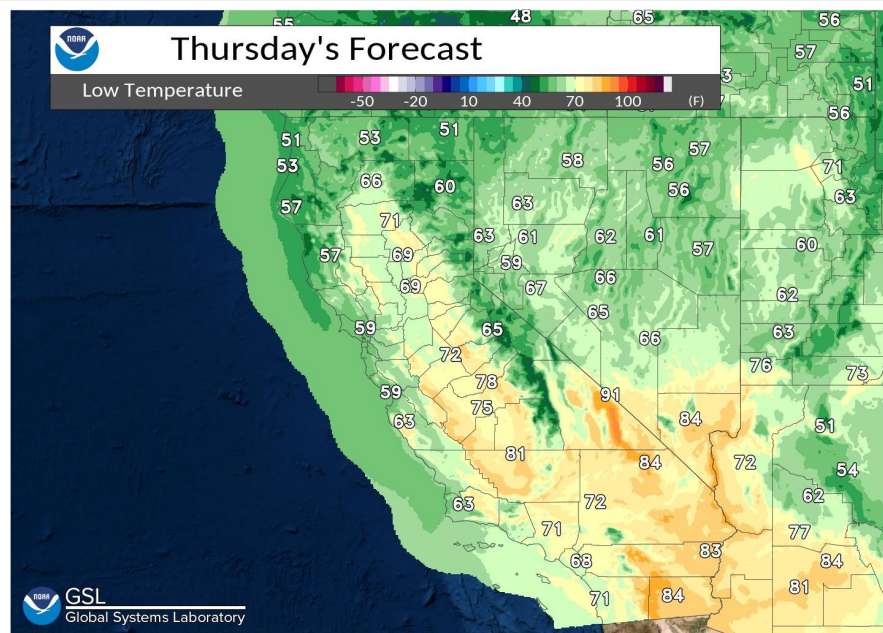
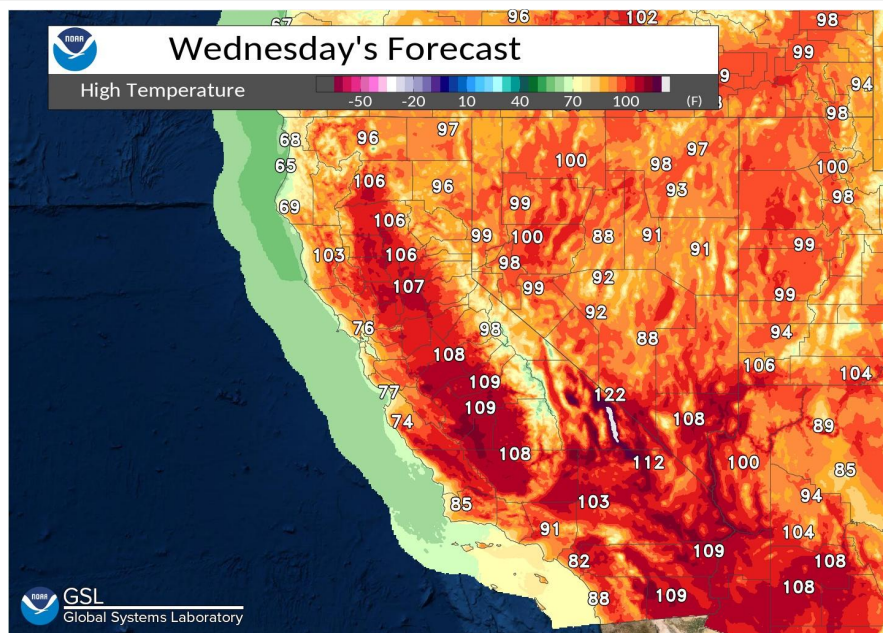


Wed-Thu Temperatures

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Saturday, September 3





Weather Outlook (6-14 Days)

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Saturday, September 3

6-10 Day Outlook (September 8 – September 12)

Temperatures

- Above normal temperatures are favored to continue statewide

Precipitation

- Above normal precipitation is slightly favored across much of southern California, with near normal precipitation favored for central portions of the state, and below normal precipitation favored across northern California

8-14 Day Outlook (September 10 – September 16)

Temperatures

- Above normal temperatures are favored across the Sierra, below normal temperatures are favored for far southern California, and near normal temperatures are favored elsewhere across the state

Precipitation

- Near normal precipitation is favored for most of the state, with above normal precipitation favored across far southern California



Risk Assessment Matrix

Regional Operations Center

Western Region

Saturday, September 3

Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
 - Localized impacts on commerce possible.
 - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
 - Impacts on commerce possible.
 - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
 - Significant impacts to commerce possible.
 - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
 - Significant and extended impacts to commerce.
 - Includes exceptionally rare events.

